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39. The device as set forth in Claim 33, wherein compensating the output signal vector includes canceling near end cross talk from the input signal vector.--

In The Abstract

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On page 15, delete lines 7-29, and add --A multidimensional equalizer and cross talk canceler for a communication network that simultaneously removes far end cross talk (FEXT) and intersymbol interference (ISI) from a received signal, wherein the equalizer generates an output signal vector based on an error vector. The equalizer combines an input signal vector with a vector error to determine a multidimensional steepest descent gradient, and adjusts the input signal vector with the descent gradient to provide the output signal vector. The vector is error based on a previous output signal vector and the input signal vector.--

Remarks

Because no new matter has been added, Applicants respectfully submit that the above referenced patent application is entitled to the original filing date of September 28, 2000.

Please telephone the undersigned at (512) 794-3600, if there are any questions.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on 1-10-2001.

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